11529 Goldcoast Drive • Cincinnati, Ohio 45249
Phone: (513) 777-5233 • Fax: (513) 777-2042
www.pe-cds.com • www.pe-ltd.com

Position: Electronics Technician — Production & Engineering Support
Location: Cincinnati, OH – on-site

Employment: Full-time, Monday-Friday, day shift

Compensation: $50,000 – $70,000 annually, based on relevant experience and demonstrated technical skills.

Position summary
Performance Electronics, Ltd. (PE) is seeking a hands-on Electronics Technician to support the manufacturing, testing, troubleshooting, and ongoing improvement of our embedded electronic control systems.

This role combines day-to-day production responsibilities with technical support for engineering and product evaluation. Responsibilities include assembling and testing electronic products, evaluating customer returns, building and maintaining test fixtures, and assisting with electrical design verification and environmental testing.

The ideal candidate enjoys practical problem-solving, takes pride in accurate and well-documented work, and is comfortable moving between routine production tasks and technical troubleshooting as priorities change.

Key responsibilities
Production and quality support
- Support daily production activities, including loading firmware, operating test equipment, and assembling electronic products to drawings and work instructions.
- Identify, troubleshoot, and document production test failures and product quality issues.
- Assist with incoming material inspection, nonconformance tracking, and related production activities.
- Maintain accurate records and help improve assembly instructions, test procedures, and other technical documentation.

Troubleshooting and customer returns
- Evaluate returned products through the return merchandise authorization (RMA) process, including inspection, functional testing, and troubleshooting.
- Document symptoms, test results, and findings; work with engineering to investigate failure causes and determine appropriate next steps.
- Perform approved repairs or rework, as qualified, and verify product functionality following corrective action.

Test fixtures and engineering support
- Build, wire, troubleshoot, and maintain production and engineering test fixtures, cables, and related equipment.
- Support electrical design verification by setting up and performing tests under engineering direction, recording measurements, and communicating results.
- Set up, monitor, and document environmental testing in accordance with established procedures and engineering requirements.

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- Assist with prototype assembly, new-product introduction, and improvements to production and test processes.
- Coordinate with production and engineering to address changing technical and delivery priorities.

Required qualifications

- High school diploma or GED.
- Relevant hands-on experience in electronics assembly, testing, troubleshooting, or a related technical field.
- Ability to read and interpret electrical schematics, wiring diagrams, assembly drawings, and work instructions.
- Working knowledge of basic electronic circuits and components.
- Experience using a digital multimeter and other relevant electrical test equipment.
- Strong attention to detail and the ability to document work and communicate technical findings clearly.
- Ability to organize work, follow established procedures, and manage shifting priorities.
- Basic proficiency with Microsoft 365 applications.
- Reliable attendance and the ability to work effectively both independently and as part of a team.

Preferred qualifications

- Associate degree, bachelor’s degree, or technical training in electronics, electrical engineering technology, or a related field.
- Experience using oscilloscopes, bench power supplies, and related diagnostic equipment.
- Experience troubleshooting electronic circuit boards or embedded control products.
- Experience building or maintaining test fixtures and cable assemblies.
- Soldering and electronic rework experience; relevant IPC certifications.
- Experience with RMA evaluation, environmental testing, or engineering verification testing.
- Familiarity with internal combustion engine controls or related electronic systems.

Benefits

- Eligible for health benefits on the first day of the month following the start date.
- Medical, dental, and vision plans available.
- Paid vacation and sick time.
- 401(k) plan with company match.
- Company-funded life insurance ($50,000), accidental death and dismemberment (AD&D) insurance, and long-term disability coverage.
- Opportunities to complete industry certifications and training programs at no cost.

To Apply: Please email your resume to HR@pe-ltd.com